

Figure 1: Receiver Block Diagram

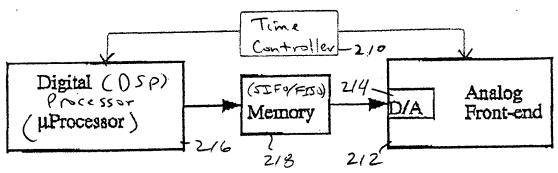


Figure 2: Transmitter Block Diagram

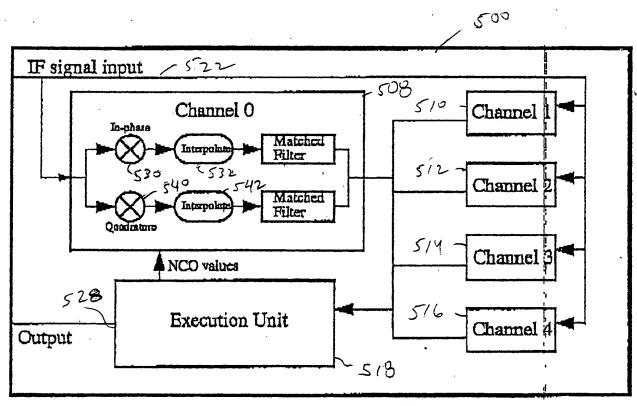


Figure 5 Synchronizer Architecture

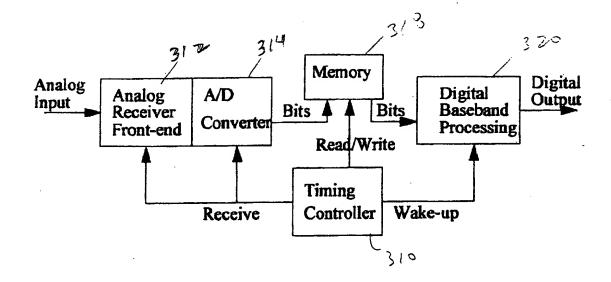


Figure 3 Time-interleaved receiver architecture. The timing controller regulates the receiver operation between the analog receiver front-end circuitry and the baseband processing. It also controls the memory in performing time-interleaving read/write operations.

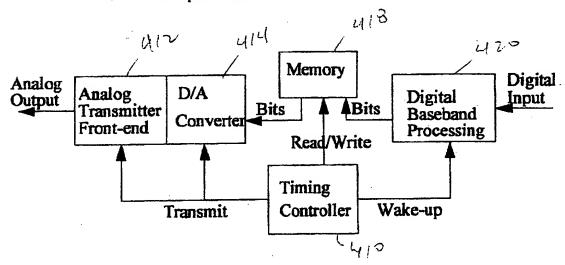


Figure 4. Time-interleaved transmitter architecture. The timing controller regulates the transmitter operation between the analog transmitter front-end circuitry and the baseband processing. It also regulates the memory in performing time-interleaving read/write operations.

